| DRAFT Scenario Drivers 10/3/2012 | | | | | |
|---|---|---|---|---|---|
| **Drivers** | **Scenarios** | | | | |
| | **Business as Usual** | **Weak Economy** | **Cooperative Growth** | **Adaptive Innovation** | **Hot Growth** |
| **A. Population Growth / Economic Growth** | Mid | Low | Mid | High | High |
| **B. Climate Status / Water Supply** | 20th Century Observed | 20th Century Observed | Between Hot and Dry and 20th Century Observed | Hot and Dry | Hot and Dry |
| **C. Energy Water Needs** | Moderate (no oil shale) | Low (no oil shale) | Low (no oil shale) | Low (no oil shale) | High (oil shale) |
| **D. Agricultural Demand and Agricultural Water Demand** | Decrease in irrigated acres due to urbanization<br><br>Ag exports and demands constant<br><br>Ag is not able to compete with urban areas for water<br><br>Ag water demands decreased | Decrease in irrigated acres due to urbanization<br><br>Ag exports and demands lower<br><br>Ag is not able to compete with urban areas for water<br><br>Ag water demands decreased | Slight decrease in irrigated acres due to urbanization<br><br>Ag exports down and local demands up<br><br>Ag is able to compete with urban areas for water<br><br>Ag water demands are slightly higher | Slight decrease in irrigated acres due to urbanization<br><br>Ag exports down and local demands up<br><br>Ag is able to compete with urban areas for water<br><br>Ag water demands are slightly higher | Significant decrease in irrigated acres due to urbanization<br><br>Ag exports and demands high<br><br>Ag is able to compete with urban areas for water<br><br>Ag water demands are slightly higher |
| **E. Water Efficiency Technology** | M&I: Moderate/ Passive<br><br>Ag: same as today | M&I: Moderate/ Passive<br><br>Ag: same as today | M&I: High<br><br>Ag: Efficiencies are implemented | M&I: High<br><br>Ag: Efficiencies are implemented | M&I: Moderate/ Passive<br><br>Ag: same as today |
| **F. Social/ Environmental Values** | No Change | No Change | Increased Awareness<br><br>Increased willingness to pay for ecological services | Increased Awareness<br><br>Increased willingness to pay for ecological services | Full Use of Resources<br><br>No willingness to pay for ecological services |
| **G. Urban Land Use** | No Change | No Change | Higher Density | Higher Density | Lower Density |
| **H. Regulatory Constraints** | No Change | No Change | Increased | Increased but expedited | Reduced |
| **I. M&I Water Demands*** | Middle of the five scenarios | Lowest of the five scenarios | Second lowest of the five scenarios | Second highest of the five scenarios | Highest of the five scenarios |

*The exact ranking will be completed upon further analysis that will incorporate climate change. This ranking is estimated for now based on data available from SWSI 2010.